Use MM to take image or video

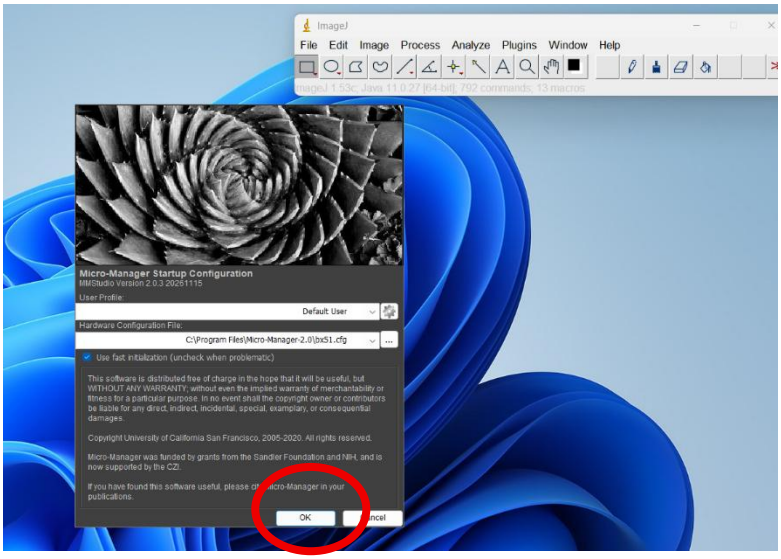
1. Power on the PCO camera:



2. Turn on the micromanager (MM) software. This software is a plugin of ImageJ, so it integrates with ImageJ deeply.



Click OK, and make sure it uses the configuration file: bx51.cfg



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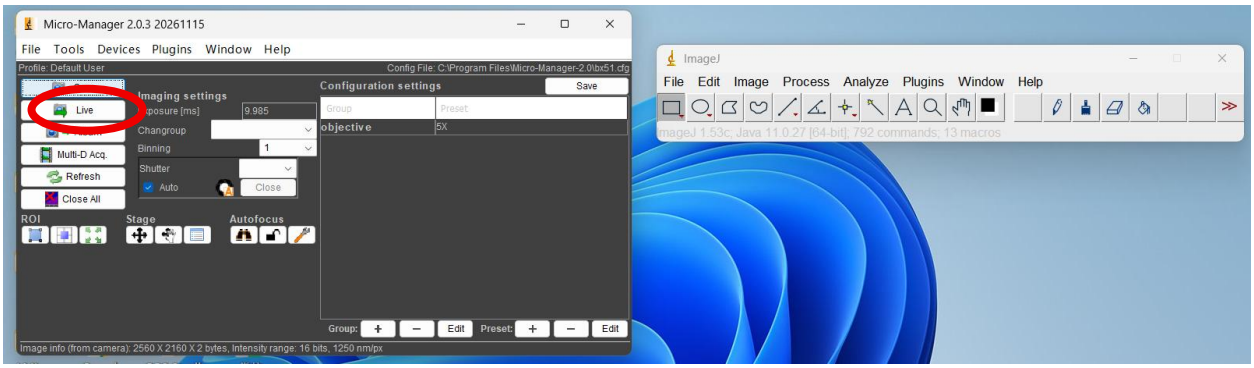
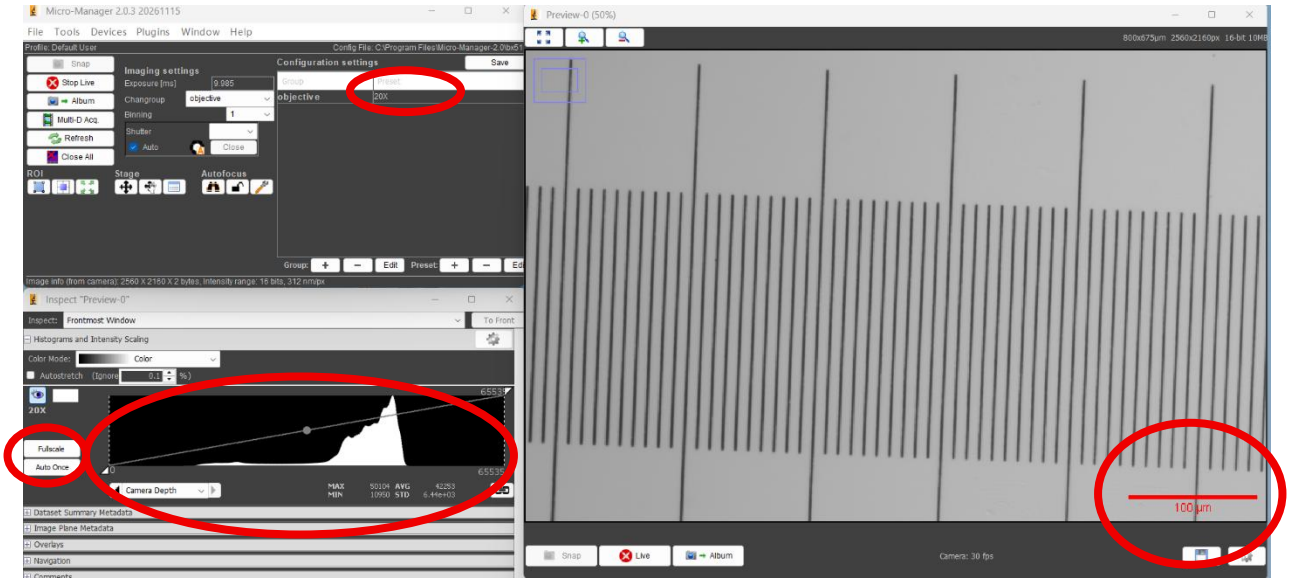
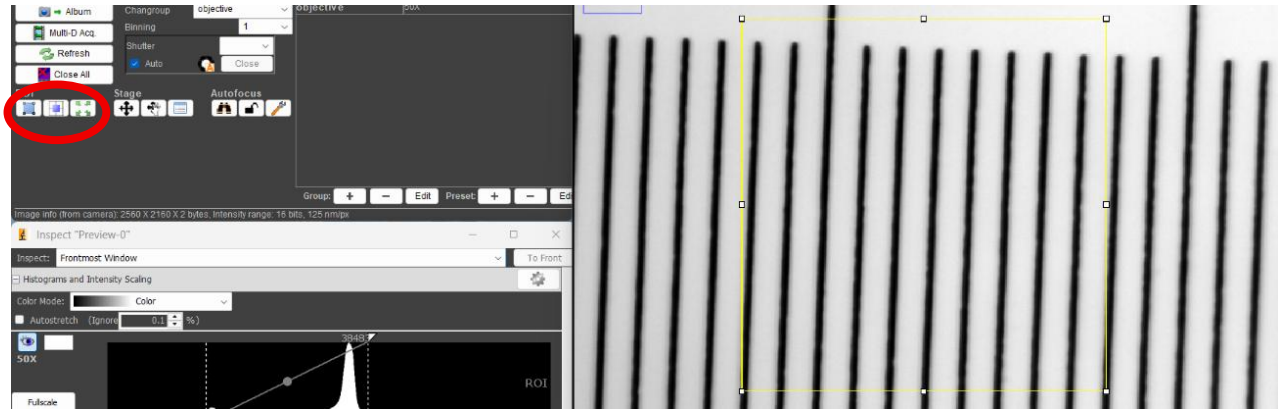
3. To view the live image, click “live”:



You will see the preview screen; adjust the light and focus to see the image. Look at the histogram, and “auto once” or “fullscale” is needed. Select the right objective, so the scale bar will be correct.



4. Use ROI if needed: drag ROI window with mouse, click , only ROI will be imaged. Click , return to full image sensor view.



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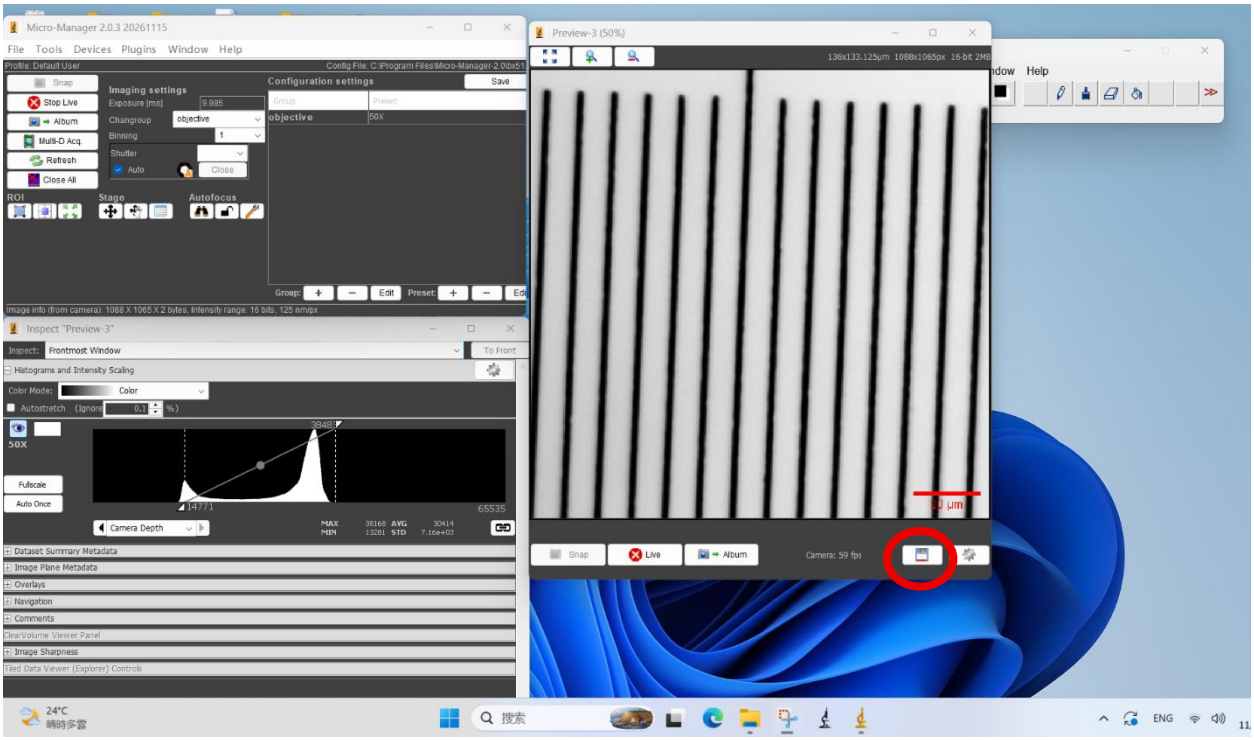
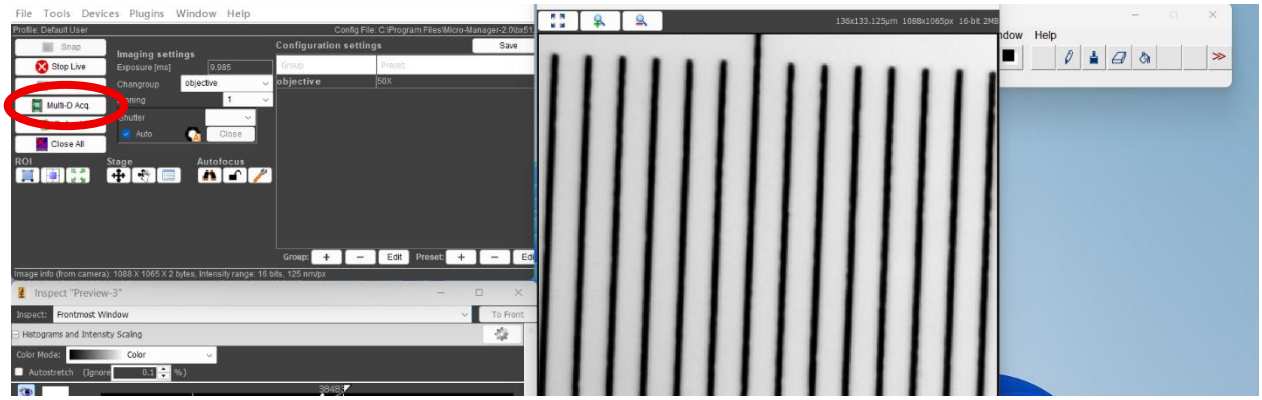
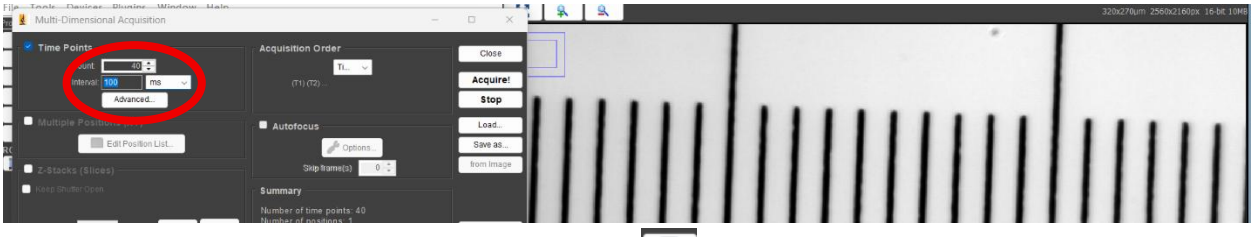
5. Capture image, with save or to Album.



6. Take video: click “Mult-D Acq.”



Select how many images are needed as “Count”, the interval “xx ms”, then “Acquire!”



After done, save as “Sequence Image” by click 

7. Export video. Go to ImageJ, and import the sequence image you saved (make sure import all frames), then save as AVI file (choose your fps).

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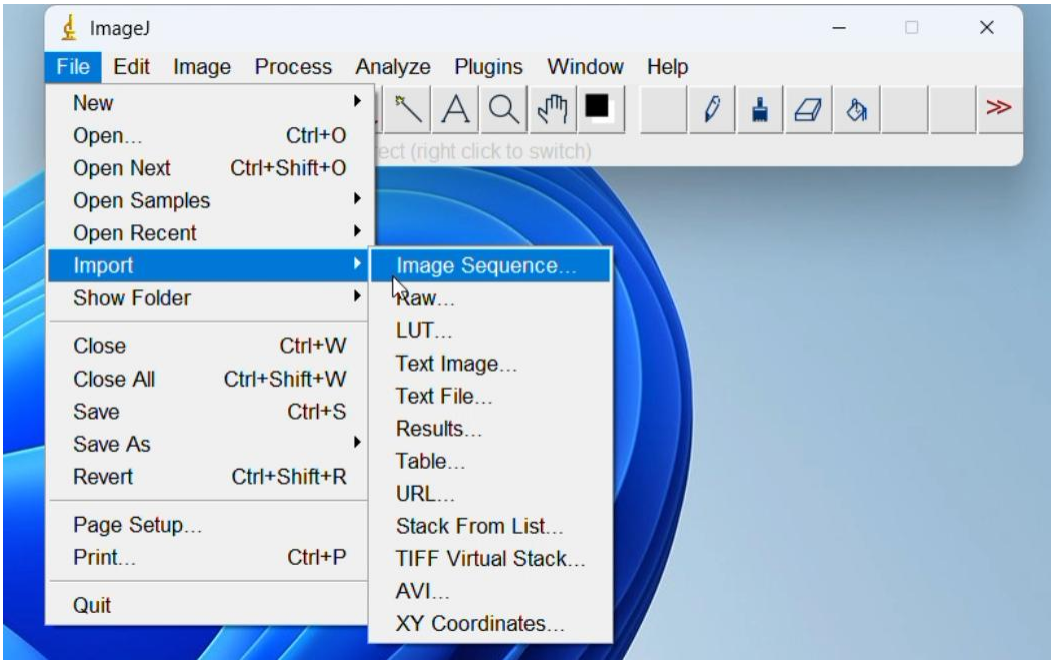

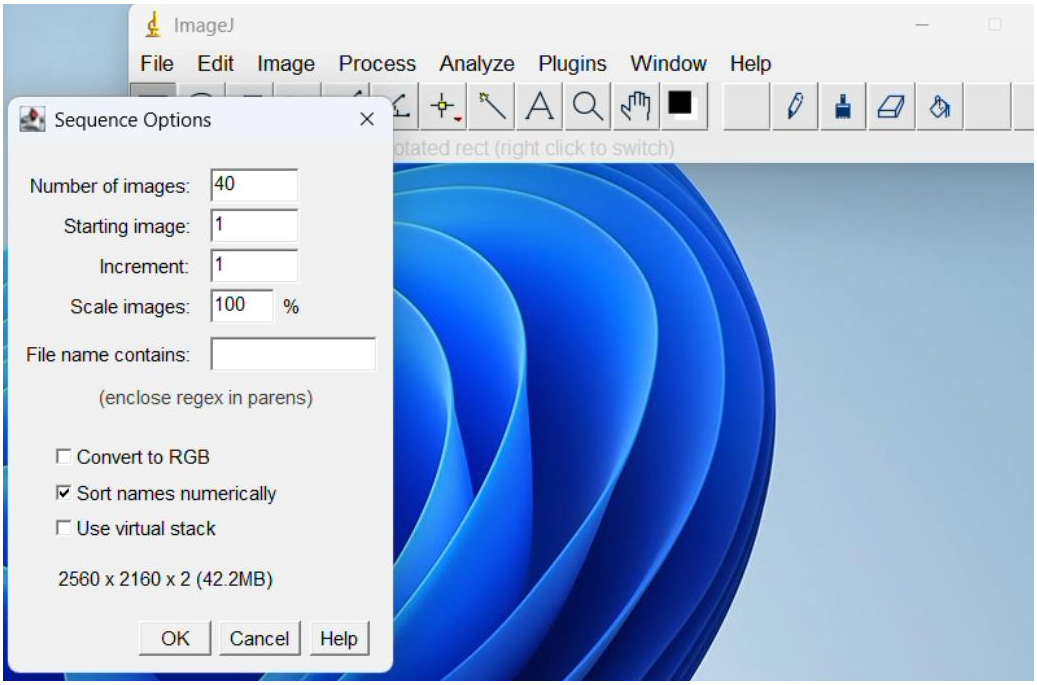

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